



## APPENDIX A

The software Criterium Decision Plus (CDP), produced by Infoharvest, Inc., is proposed by the District to develop a decision model to organize, analyze and process the multi-criteria defined in Section 3.2, Evaluation Criteria, of the Review Draft *Evaluation Methodology for the Water Quality Improvement Strategies for the Everglades*, dated August 31, 2001 (herein the Draft Evaluation Methodology). The decision model proposed by the District is presented in hierarchy format on page 35 of 39 of the Draft Evaluation Methodology and in tabular format in Table A-1 of this appendix.

Table A-1 provides a summary of criteria and subcriteria, source for evaluating subcriteria, rating units and scale proposed by the District. The table is organized using four levels:

- Level 1: Goal
- Level 2: Four Criteria (Technical, Environmental, Economic, & CERP)
- Level 3: 14 Subcriteria
- Level 4: Alternatives

The level representing subcriteria 1 and 2, phosphorus load and concentration reduction, were incorporated in level 3 to simplify the table.

Refinements proposed in this review of the Draft Evaluation Methodology are summarized in Table A-2. Table A-2 is organized as follows:

- Level 1: Goal
- Level 2: Four Criteria (Technical, Environmental, Economic, & CERP)
- Level 3: 9 Subcriteria
- Level 4: Alternatives

Level 3 subcriteria are further subdivided into 14 subcriteria. However, for simplicity, this subdivision is not presented in Table A-2.



The rating scale in Table A-2 defines the proposed user-defined scale for rating alternatives. A linear function, consistent with the AHP and SMART algorithms, is suggested to synthesize the user-defined scale to the CDP standard scale.